

KURSELA
MANSUR MIYAKE KAMAT TO SA
PASCHIM TOLA.

Measurement Book

Schedule XLV Form No. 134

R.W.D. KATHAR

SAMELI / KURSELA-SUB-D
(NO-1980)

SHASHI KANT SINGH

15/1/2021

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
Name of works! - Const. & maintenance of road from Mansur Miya ke Khamat to Satbehari Paschim talu.					
Name of Agency! - Shashi Kant Singh.					
Agreement No! - 11/SBD/2020-21					
Date of commencement! - 17.09.2020					
Date of completion! - work in progress.					
Abstract of cost					

Date of entry! - 27.1.2021					
1/1.	P.V. & fixing of working benchmark/reference pillars.				
	Benchmarks pillars				
	Qty vide TMBP-11				
	2.0 Qty = 3 Nos.				
	@ 9076.92 each = 12230				
	Reference pillars				
	Qty vide TMBP-11				
	2.0 Qty = 10 Nos				
	@ 1871.75 each = 18714				
	C/O = 30944				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F2	30944
2/2.	clearing and grubbing road land				
	Qty vide TMBP-12				
	i.e Qty = 1.86 Ha				
	@ 52970.33/Ha =				98524
2/3.	Box cutting:- Excavation for roadway in soil using manual means lead up to 50m as per T/S				
	Qty vide TMBP-3				
	i.e Qty = 206.0 m ³				
	@ 75.57/m ³ =				15567
4/4.	Const. of embankment with approved material deposited from road way cutting				
	Qty vide TMBP-12				
	i.e Qty = 123.6 m ³				
	@ 26.68/m ³ =				3297
5/5.	Const. of embankment with approved material obtained from borrow pits lead up to 100m as per T/S				
	C/O =				148332

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F =	148332
	Qty	vide	TMB P-12		
	2-c	Qty =	2999.38 m ³		
	@	173.2/m ³	2		429511
6/6.	Const. of embankment				
	with approved material				
	obtained from borrow				
	pits lead up to 1000m				
	as per T/S				
	Qty	vide	TMB P-20		
	2-c	Qty =	964.89 m ³		
	@	190.36/m ³	2		183676

7/7.	Const. of subgrade				
	& earthen shoulder				
	with approved material				
	obtained from borrow				
	pits with lead up to				
	1000m & 100m as				
	per T/S				
	Qty	vide	TMB P-13		
	2-c	Qty =	1527.75 m ³		
	@	132.09/m ³	2		293389
8/8.	Const. of GSB Gr-I				
	well graded material				
	spreading in uniform				
	layers comp as per T/S				

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F =	1054908
	Qty vide MB No-13				
	2-e Qty = 1031.28 m ³				
MB-2044	MB-13				
	Qty vide MB No-2044				
	Page - 2				
	2-e Qty = 1420.38 m ³				
	@ 2733.65/m ³ =				3882822
9/9	P.V, laying, spreading and compacting stone aggregates of specific sizes of WBM Gr-3 as per				
	T/S				
	Qty vide MB-2044				
	Page - 3				
	2-e Qty = 734.91 m ³				
	@ 3478.65/m ³ =				2556495
10/13	Const. of cement concrete pavement M30 grade as per draw & T/S				
	Qty vide MB-2044				
	Page - 3				
	2-e Qty = 450.0 m ³				
	@ 6630.95/m ³ =				2983928
					Q/O = 10478153

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P.	10549843
	@	6423.16/m ³		=	407999
14/26	P/V Laying RCC pipe				
	NP-3 @ 1000mm dia				
	for culvert on				
	1st class bed/doling				
	Off vicle				
TMB A-	15.2'e Off = 7.5m				
MB2044	-11.2'e Off = 7.5m				
	Total Off = 15.0m				
	@	3898.66/m ³		=	58479

15/28	E/W an excavation				
	for foundation of				
	structures up to				
	3.0 m depth as per				
	draw & T/S				
	Off vicle MB 2044				
	Page - 4				
	2'e Off = 115.12m ³				
	@	279.09/m ³		=	32128
16/29	P/V PCC M15 grade				
	concrete for plain/				
	reinforced concrete				
	in open foundation				
	as per draw & T/S				

q/c = 11048449

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F	1104844.9
		Qty vide MB2094			
		Page 4			
		2-e Qty = 28.3 m ³			
		@ 5592.5 / m ³ =			464.17
17/20	P/V	PCC M20 grade			
		Concrete for plain /			
		reinforced concrete			
		in Open foundation			
		as per draw & T/S.			
		Qty vide MB2094			
P-5	2-e	Qty = 2.25 m ³			

MB2094P-6	2-e	Qty = 32.14 m ³			
		Total Qty = 34.39 m ³			
		Limit Qty = 33.4 m ³			
		@ 6223.81 / m ³ =			207875
18/31	S/F/P	HYSD bar			
		reinforcement in found			
		comp as per draw			
		and T/S			
		Qty vide MB2094			
		Page-5			
		2-e Qty = 0.118 MT			
		@ 51724.26 / MT =			6103
				C/O =	11308844

Continuation

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.P.2	11308844
19/32.	Plain/reinforced cement				
	concrete in substructure				
	comp. as per drawing				
	T/S.				
	Qty vide MB 2044				
	Page-8				
	2e Qty = 16.24 m ³				
	@ 6423.16/m ³ =				104312
20/34	Plain/reinforced				
	cement concrete in				
	substructure				

	Qty vide MB 2044				
	Page-7 = 4.69 m ³				
	B/P/P-8 = 7.84 m ³				
	Total Qty = 12.53 m ³				
	@ 7056.16/m ³ =				88413
21/35.	S/F/P M.S.D bar				
	reinforcement in				
	substructure as per				
	drawing and T/S				
	Qty vide				
	MB 2044 P-6 2e Qty = 919.01 kg				
	MB 2044 P-7 2e Qty = 310.57 kg				
	Total Qty = 1229.58 kg				
	or 1.23 MT				

No.	L	E	E	E	E
19/32	Plain/reinforced cement concrete in substructure as per drawing				
	T/S				
	Qty vide MB 2044				
	Page - 8				
	2e Qty = 16.24 m ³				
	@ 6423.16/m ³ = 104312				
20/34	Plain/reinforced cement concrete in substructure				

	Qty vide MB 2044				
	Page - 7 = 4.69 m ³				
	B/F/P - 8 = 7.84 m ³				
	Total Qty = 12.53 m ³				
	@ 7056.16/m ³ = 88413				
21/35	S/F/P M/S D Bar reinforcement in substructure as per drawing and T/S				
	Qty vide				
	MB 2044 P - 6 2e Qty = 919.01 kg				
	MB 2044 P - 7 2e Qty = 310.57 kg				
	Total Qty = 1229.58 kg				

	No.	L.	B.	D.	Contents of area
					B.F = 11501569
					2 nd Qty = 1.23 MT
					51870.24 / MT = 63800
22/36.					Backfilling behind Abutment, wing wall & retention wall comp as per draw of T/S
					Qty vide MB2044
					Page - 9
					2 nd Qty = 32.98 m ³
					@ 752.08 / m ³ = 24803
23/38.					P/V and laying RCC M30 reinforced cement concrete in super-structure as per draw of T/S
					Qty vide MB2044
					Page - 9
					2 nd Qty = 4.35 m ³
					@ 7630.35 / m ³ = 33192
24/39.					S/F/P HYSD bar reinforcement in super-structure as per draw of T/S
					q/c = 11623364

Continuation.

Particulars	Details of actual measurement				Contents of area
	No.	L.	B.	D.	
				B.F2	11623364
		Qty vide MB2044			
		Page 8			
		2e Qty = 0.37 MT			
		② 53000.17 / MT = 19610			
25/40		Parapet construction			
		plain / reinforced			
		cement concrete M20			
		grade on substructure			
		Qty vide MB2044			
		Page - 10			
		2e Qty = 1.2 m3			

	②	6423.16 / m3 =	7707	
26/42		Drainage Spout		
		complete as per		
		draw and T/S		
		Qty vide MB2044		
		Page - 10		
		2e Qty = 4 Nos		
	②	422.26 each =	1689	
		Total RS =		
		11652370		
		Add 12% GST + 1% L.Cess =		
		1514808		
		13167178		
		Add Seigniorage @ 10% =		
		69093		
		40 =		
		13236271		

[illegible]

Continuation